

Amendments to the Specification:

Before paragraph [0001], please insert

BACKGROUND OF THE INVENTION

1) **Field of the Invention**

Please replace paragraph [0001] with the following amended paragraph:

[001] The invention is directed to a surgical device according to the preamble of claim 1, for removing tissue cells from a biological structure. The device includes a fluid jet device for generating a fluid jet capable of separation and a suction device for suctioning off separated tissue cells and the injected fluid, as well as an operating handpiece connected with the fluid jet device and the suction device. The operating handpiece includes an outer suction tube and an inner injection cannula extending through the suction tube, the outer suction tube and the inner injection cannula form therebetween an annular suction channel. The suction tube includes one or more rows of radial suction openings. The distal end of the injection cannula is closed by a conical tip and the surface of the conical tip includes a nozzle slit that forms a flat jet.

Before paragraph [0003], please insert

2) **Description of the Related Art**

Before paragraph [0010], please insert

BRIEF SUMMARY OR THE INVENTION

Please replace paragraph [0014] with the following amended paragraph:

[0001] [0014] This object is solved by the characterizing features of claim 1, by utilizing a nozzle slit, inclined by an angle (α) with respect to the axial plane of the injection cannula, with the angle (α) being selected so that a flat fluid jet with at least one separation tip and, on one hand, a first separation edge and, on the other hand, a second separation edge, as well and a peeling surface is formed. Additional embodiments are recited in the dependent claims 2 to 7. More particularly, the novel surgical device is designed to operate with a very small separation

force and with a very small suction force. This is particularly easy on the human body during a surgical procedure, but also causes less damage to the tissue cells, which can then be reused for other purposes.

Before paragraph [0015], please insert

BRIEF DESCRIPTION OF THE DRAWINGS

Before paragraph [0031], please insert

DETAILED DESCRIPTION OF THE INVENTION